

Form PTO-1449
(REV. 8-83)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket:
2001180-0051

In re Application No.
10/091,240

Applicant: Shair *et al.*

Filing Date:
March 5, 2002

Group: 1639

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT**

U. S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
	5,780,258	de la Brousse et al.	July 14, 1998	435	29
	5,702,903	Kinzler et al.	December 30, 1997	435	6
	5,625,123	Shiho et al.	April 29, 1997	800	2
	5,571,688	Mekalanos et al.	November 5, 1996	435	29
	5,569,588	Ashby et al.	October 29, 1996	435	6
	5,525,490	Erickson et al.	June 11, 1996	435	29
	5,474,929	Pelcher	December 12, 1995	435	240.4
	5,436,131	Condra et al.	July 25, 1995	435	7.4

U.S. PATENT APPLICATIONS

Examiner's Initials	Serial No. or Publication No.	Applicant	Filing Date		

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No

Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	Baltimore, et al., "Regulation of the NF- κ B/Rel Transcription Factor and I κ B Inhibitor System", <i>Curr. Opin. Biol.</i> 5:477, 1993.
	Baumann, et al., "Rapid Identification of Phosphopeptide Ligands for SH2 Domains" <i>J. Biol. Chem.</i> 271: 16500-16505, 1996.
	Crane, et al., "The Structure of Nitric Oxide Synthase Oxygenase Domain and Inhibitor Complexes", <i>Science</i> , 278: 425-431, 1997.
	Czarnik, "Encoding Methods for Combinatorial Chemistry" <i>Curr. Op. Chem. Biol.</i> , 1:60-66, 1997.
	Eberhardt, et al., "Molecular Mechanisms of Inducible Nitric Oxide Synthase Gene Expression by IL-1 β and cAMP in Rat Mesangial Cells", <i>The Journal of Immunology</i> , 160: 4961-4969,

Form PTO-1449
(REV. 8-83)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket:
2001180-0051

In re Application No.
10/091,240

Applicant: Shair *et al.*

Filing Date:
March 5, 2002

Group: 1639

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT**

1998.

/ Feldman, et al., "Small, Reactive, and Containing No Carbon Atoms, Nitric Oxide is Nevertheless Emerging as a Biochemical of Major Importance", *Chemical and Engineering News*, 26-38, 1993.

• Fruchtel, et al., "Organic Chemistry on Solid Supports" *Angew Chem. Int. Ed. Engl.* 35:17-42, 1996.

/ Furka, et al., "General Method for Rapid Synthesis of Multicomponent Peptide Mixtures" *Int. J. Pept. Protein Res.* 37: 487-493, 1991.

/ Gallop, et al., "Generation and Screening of an Oligonucleotide-Encoded Synthetic Peptide Library" *Proc. Natl. Acad. Sci. USA*, 90: 10700-10704, 1993.

/ Gibaldi, M., "What is Nitric Oxide and Why Are So Many People Studying it?", *J. Clin. Pharmacol.* 33: 488-496, 1993.

✓ Goldring, et al., "In Vivo Footprinting of the Mouse Inducible Nitric Oxide Synthase Gene: Inducible Protein Occupation of Numerous Sites Including Oct and NF-IL6", *Nucleic Acids Research*, 24(9): 1682-1687, 1996.

✓ Goldring, et al., "Transcriptional Inhibition of the Inducible Nitric Oxide Synthase Gene by Competitive Binding of NF- κ B/REL Proteins", *Biochemical and Biophysical Research Communications*, 209(1): 73-79, 1995.

/ Grisham, et al., "Effects of Aminosalicylates and Immunosuppressive Agents on Nitric Oxide-Dependent N-Nitrosation Reactions", *Biochemical Pharmacology*, 47(10): 1897-1902, 1994.

✓ Hevel, et al., "Purification of the Inductible Murine Macrophage Nitric Oxide Synthase" *J. Biol. Chem.*, 266: 22789-22791, 1991.

/ Jaffrey, et al., "PIN: An Associated Protein Inhibitor of Neuronal Nitric Oxide Synthase" *Science*, 274: 774-777, 1996.

/ Janssens, et al., "Cloning and Expression of a cDNA Encoding Human Endothelium-Derived Relaxing Factor/Nitric Oxide Synthase", *The Journal of Biological Chemistry*, 267(21): 14519-14522, 1992.

✓ Kojima, et al., "Detection and Imaging of Nitric Oxide with Novel Fluorescent Indicators: Diaminofluoresceins", *Analytical Chemistry*, 1-8.

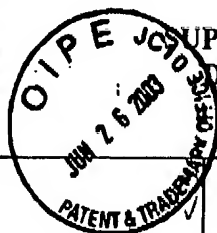
/ Kojima, et al., "Development of a Fluorescent Indicator for Nitric Oxide Based on the Fluorescein Chromophore" *Chem. Pharm. Bull.*, 46: 373-375, 1998.

/ Koshland, "The Molecule of the Year" *Science*, 258: 1861, 1992.

/ Kuo, et al., "Oxidative Stress Increases Hepatocyte iNOS Gene Transcription and Promoter Activity", *Biochemical and Biophysical Research Communications*, 234: 289-292, 1997.

/ Lowenstein, et al., "Macrophage Nitric Oxide Synthase Gene: Two Upstream Regions Mediate Induction by Interferon γ and Lipopolysaccharide", *Proc. Natl. Acad. Sci. USA*, 90: 9730-9734, 1993.

TECH CENTER 1600/2900

Form PTO-1449
(REV. 8-83)U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket:
2001180-0051In re Application No.
10/091,240SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENTApplicant: Shair *et al.*Filing Date:
March 5, 2002

Group: 1639

✓ Martin, et al., "Role of Interferon Regulatory Factor 1 in Induction of Nitric Oxide Synthase", *J. Exp. Med.* 180: 977-984, 1994.

✓ Michel, et al., "Perspective Series: Nitric Oxide and Nitric Oxide Synthases", *J. Clin. Invest.*, 100(9): 2146-2152, 1997.

✓ Nakatsubo, et al., "Direct Evidence of Nitric Oxide Production from Bovine Aortic Endothelial Cells Using New Fluorescence Indicators: Diaminofluoresceins", *FEBS Letters*, 427: 263-266, 1998.

✓ Nestler, et al., "A General Method for Molecular Tagging of Encoded Combinatorial Chemistry Libraries" *J. Org. Chem.* 59: 4723-4726, 1994.

✓ Nunokawa, et al., "Human Inducible Nitric Oxide Synthase Gene is Transcriptionally Regulated by Nuclear Factor- κ B Dependent Mechanism", *Biochemical and Biophysical Research Communications*, 223: 347-352, 1996.

✓ Nunokawa, et al., "Expression of Human Inducible Nitric Oxide Synthase is Regulated by Both Promoter and 3'-Regions", *Biochemical and Biophysical Research Communications*, 233: 523-526, 1997.

✓ Oguchi, et al., "Enhancement of Inducible-Type NO Synthase Gene Transcription by Protein Synthesis Inhibitors", Activation of an Intracellular Signal Transduction Pathway by Low Concentrations of Cycloheximide", *FEBS Letters*, 338: 326-330, 1994.

✓ Peng, et al., "Nitric Oxide Inhibits Macrophage-Colony Stimulating Factor Gene Transcription in Vascular Endothelial Cells", *The Journal of Biological Chemistry*, 270(28): 17050-17055, 1995.

✓ Sari, et al., "Expression in Yeast and Purification of Functional Macrophage Nitric Oxide Synthase. Evidence for Cysteine-194 As Iron Proximal Ligand", *Biochemistry*, 35: 7204-7213, 1996.

✓ Smith, et al., "Simple Alkanethiol Groups for Temporary Blocking of Sulfhydryl Groups of Enzymes", *Biochemistry*, 14: 766-771, 1975.

✓ Thompson, et al., "Synthesis and Applications of Small Molecule Libraries" *Chem. Rev.* 96: 555-600, 1996.

✓ Tan, et al., "Stereoselective Synthesis of Over Two Million Compounds Having Structural Features Both Reminiscent of Natural Products and Compatible with Miniaturized Cell-Based Assays", *J. Am. Chem. Soc.*, 120:8565-8570, 1998.

✓ Venema, et al., "Organization of the Bovine Gene Encoding the Endothelial Nitric Oxide Synthase", *Biochimica et Biophysica Acta*, 1218: 413-420, 1994.

✓ Weinberg, "The Retinoblastoma Protein and Cell Cycle Control" *Cell*, 81:323-330, 1995.

✓ Wong, et al., "The Heat Shock Response Inhibits Inducible Nitric Oxide Synthase Gene Expression by Blocking I κ -B Degradation and NF- κ B Nuclear Translocation", *Biochemical and Biophysical Research Communications*, 231: 257-263, 1997.

✓ Xie, et al., "Role of Transcription Factor NF- κ B/Rel in Induction of Nitric Oxide Synthase", *The Journal of Biological Chemistry*, 269(7): 4705-4708, 1994.

JUN 27 2003

Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	TECH CENTER 1600/2000 App. Docket: 2001180-0051	In re Application No. 10/091,240
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		Applicant: Shair <i>et al.</i>	
		Filing Date: March 5, 2002	Group: 1639
EXAMINER		DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

3570099